

## PATENT COOPERATION TREATY

## PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter II of the Patent Cooperation Treaty)

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(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 206,855-PCT	<b>FOR FURTHER ACTION</b>		See Form PCT/IPEA/416
International application No. PCT/US05/03874	International filing date (day/month/year) 03 February 2005 (03.02.2005)	Priority date (day/month/year) 04 February 2004 (04.02.2004)	
International Patent Classification (IPC) or national classification and IPC IPC(7): F24C 1/16 and US Cl.: 126/9R, 38			
Applicant LIGHTBOURNE, DILTON A.			

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
  - a.  (sent to the applicant and to the International Bureau) a total of 7 sheets, as follows:
    - sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
    - sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
  - b.  (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) \_\_\_\_\_, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).
4. This report contains indications relating to the following items:
 

<input checked="" type="checkbox"/> Box No. I	Basis of the report
<input type="checkbox"/> Box No. II	Priority
<input type="checkbox"/> Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
<input type="checkbox"/> Box No. IV	Lack of unity of invention
<input checked="" type="checkbox"/> Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
<input type="checkbox"/> Box No. VI	Certain documents cited
<input type="checkbox"/> Box No. VII	Certain defects in the international application
<input type="checkbox"/> Box No. VIII	Certain observations on the international application

Date of submission of the demand 05 October 2005 (05.10.2005)	Date of completion of this report 28 November 2005 (28.11.2005)
Name and mailing address of the IPEA/ US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer  Stephen Gravitt Telephone No. 571 272 3750

## Box No. I Basis of the report

## 1. With regard to the language, this report is based on:

the international application in the language in which it was filed.

a translation of the international application into English, which is the language of a translation furnished for the purposes of:
 

- international search (under Rules 12.3 and 23.1(b))
- publication of the international application (under Rule 12.4(a))
- international preliminary examination (under Rules 55.2(a) and/or 55.3(a))

2. With regard to the elements of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

the international application as originally filed/furnished

the description:
   
pages 1-9 as originally filed/furnished
   
pages\* NONE received by this Authority on \_\_\_\_\_
   
pages\* NONE received by this Authority on \_\_\_\_\_

the claims:
   
pages NONE as originally filed/furnished
   
pages\* NONE as amended (together with any statement) under Article 19
   
pages\* 10-16 received by this Authority on 05 October 2005
  
pages\* NONE received by this Authority on \_\_\_\_\_

the drawings:
   
pages 1/2-2/2 as originally filed/furnished
   
pages\* NONE received by this Authority on \_\_\_\_\_
   
pages\* NONE received by this Authority on \_\_\_\_\_

a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3.  The amendments have resulted in the cancellation of:

the description, pages NONE

the claims, Nos. NONE

the drawings, sheets/figs NONE

the sequence listing (*specify*): NONE

any table(s) related to the sequence listing (*specify*): NONE

4.  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

the description, pages \_\_\_\_\_

the claims, Nos. \_\_\_\_\_

the drawings, sheets/figs \_\_\_\_\_

the sequence listing (*specify*): \_\_\_\_\_

any table(s) related to the sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**International application No.  
PCT/US05/03874**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims 1-31	YES
	Claims NONE	NO
Inventive Step (IS)	Claims 1-31	YES
	Claims NONE	NO
Industrial Applicability (IA)	Claims 1-31	YES
	Claims NONE	NO

**2. Citations and Explanations (Rule 70.7)**

Claims 1-31 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest a portable kitchen in a case with a refrigerator, microwave unit, cooking unit, and outside power source.

Claims 1-31 meet the criteria set out in PCT Article 33(4), and thus satisfy industrial applicability because the subject matter claimed can be made or used in industry.

----- NEW CITATIONS -----

CLAIMS

1. A portable kitchen, which comprises:
  - a) a case having at least one cover movable between closed and open positions, the closed position being for compact containment of a plurality of functional food preparation and storage devices supported within said case and entirely hidden by the at least one cover when in the closed position, and the open position being for exposing at least one of the plurality of functional food preparation and storage devices from the compact containment and exposing the plurality of functional food preparation and storage devices for use;
  - b) the plurality of functional food preparation and storage devices supported within said case, including:
    - 1) a refrigerator unit for containing and storing foods, said refrigeration unit cooling and maintaining the foods at conventional refrigerator storage temperatures;
    - 2) a microwave power unit to microwave heat foods; and
    - 3) a cooking unit having cooking burners for heating cookware and foods for preparation thereof; and
    - c) a power connecting device connectable to an outside source of power to said food preparation and storage devices to provide functioning power to said devices.
2. The portable kitchen according to claim 1, wherein said power connecting device is at least one of a direct current (i.e., D.C.) connecting device and an alternating current (i.e., A.C.) connecting device.
3. The portable kitchen according to claim 2, wherein said refrigerator unit is capable of maintaining food items at between about 34°F and about 46°F, when supplied with power.
4. The portable kitchen according to claim 3, wherein said microwave power unit includes at least one pivotable access door for gaining access to a central food heating section.

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REPLACEMENT SHEET

5. The portable kitchen according to claim 4, wherein each said microwave access door has a glass viewing panel which permits viewing of an internal microwavable heating section.

6. The portable kitchen according to claim 5, wherein said microwave power unit includes at least two pivotable access doors for gaining access to a central food heating section, each said access door having a glass viewing panel.

7. The portable kitchen according to claim 6, further comprising a toaster device supported by said case for toasting food items.

8. The portable kitchen according to claim 7, wherein said refrigerator unit is positioned adjacent said microwave unit, each being insulated from the other by a heat insulating wall.

9. The portable kitchen according to claim 8, wherein said microwave unit is positioned adjacent said cooking unit, each separated from the other by a heat insulating wall.

10. The portable kitchen according to claim 9, further comprising a storage space and a plurality of support shelves for supporting utensils, equipment, or food.

11. The portable kitchen according to claim 10, wherein said power connecting device is a power inverter having a power cord for connection to a direct current (i.e., D.C.) source.

12. The portable kitchen according to claim 11, wherein said power cord includes a device for connection to a cigarette/cigar lighter of a motorized unit.

13. The portable kitchen according to claim 12, wherein said motorized unit is an automobile, SUV, RV, mini-van, or a boat.

14. The portable kitchen according to claim 10, wherein said power connecting device is a power connection device having a power cord adapted for connection to a conventional alternating current (i.e., A.C.) power source.

15. The portable kitchen according to claim 14, wherein said power cord includes a connection device at one end for insertion into an alternating current (i.e., A.C.) power source.

16. The portable kitchen according to claim 15, wherein said A.C. power source is a standard wall duplex outlet.

17. A portable kitchen, which comprises:

a) a case having at least a pair of covers pivotably movable between closed and open positions, the closed positions of said covers being for compact containment of a plurality of functional food preparation and storage devices supported within said case and entirely hidden by said covers when in the closed positions, and the open positions being for exposing the plurality of functional food preparation and storage devices from the compact containment and exposing the plurality of functional food preparation and storage devices for use;

b) the plurality of functional food preparation and storage devices supported within said case, including:

1) a refrigerator unit for containing and storing foods, said refrigeration unit cooling and maintaining the foods at conventional refrigerator storage temperatures;

2) a microwave power unit to microwave heat foods; and

3) a cooking unit having cooking burners for heating cookware and foods for preparation thereof; and

c) a power connecting device connectable to an outside source of power to said food preparation and storage devices to provide functioning power to said devices.

18. A portable suitcase type kitchen, which comprises:

a) a portable case having a carry handle and at least a pair of hinged covers pivotably movable between closed and open positions, the closed positions of said covers being for compact containment of a plurality of functional food preparation and storage devices supported within said case and entirely hidden by said covers when in the closed positions, and the open positions being for exposing the plurality of functional food preparation and storage devices from the compact containment and exposing the plurality of functional food preparation

and storage devices for use:

b) the plurality of functional food preparation and storage devices supported within said case, including:

1) a refrigerator unit for containing and storing foods, said refrigeration unit cooling and maintaining the foods at conventional refrigerator storage temperatures;

2) a microwave power unit to microwave heat foods, said microwave power unit having a front glass viewing panel and being positioned adjacent said refrigerator unit and separated therefrom by an insulating wall; and

3) a cooking unit having cooking burners for heating cookware and foods for preparation thereof, said cooking unit positioned adjacent said microwave unit and separated therefrom by an insulating wall; and

c) a power connecting device connectable to an outside source of power to said food preparation and storage devices to provide functioning power to said devices.

19. A portable kitchen, which comprises:

a) a case having at least one cover movable between closed and open positions, the closed position being for compact containment of a plurality of functional food preparation and storage devices supported within said case and entirely hidden by the at least one cover when in the closed position, and the open position being for exposing at least one of the plurality of functional food preparation and storage devices from the compact containment and exposing the plurality of functional food preparation and storage devices for use;

b) the plurality of functional food preparation and storage devices supported within said case, including:

1) a refrigerator unit for containing and storing foods, said refrigeration unit cooling and maintaining the foods at conventional refrigerator storage temperatures; and

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2) a cooking unit having cooking burners for heating cookware and foods for preparation thereof; and

c) a power connecting device connectable to an outside source of power to said food preparation and storage devices to provide functioning power to said devices.

20. The portable kitchen according to claim 19, wherein said power connecting device is at least one of a direct current (i.e., D.C.) connecting device and an alternating current (i.e., A.C.) connecting device.

21. The portable kitchen according to claim 20, wherein said refrigerator unit is capable of maintaining food items at between about 34°F and about 46°F, when supplied with power.

22. The portable kitchen according to claim 21, further comprising a toaster device supported by said case for toasting food items.

23. The portable kitchen according to claim 22, further comprising a storage space and a plurality of support shelves for supporting utensils, equipment, or food.

24. The portable kitchen according to claim 23, wherein said power connecting device is a power inverter having a power cord for connection to a direct current (i.e., D.C.) source.

25. The portable kitchen according to claim 24, wherein said power cord includes a device for connection to a cigarette/cigar lighter of a motorized unit.

26. The portable kitchen according to claim 25, wherein said motorized unit is an automobile, SUV, RV, mini-van, or a boat.

27. The portable kitchen according to claim 26, wherein said power connecting device is a power connection device having a power cord adapted for connection to a conventional alternating current (i.e., A.C.) power source.

28. The portable kitchen according to claim 27, wherein said power cord includes a connection device at one end for connection with an alternating current (i.e., A.C.) power source.

29. The portable kitchen according to claim 28, wherein said A.C. power source is a standard wall duplex outlet.

30. A portable kitchen, which comprises:

a) a case having at least a pair of covers pivotably movable between closed and open positions, the closed positions of said covers being for compact containment of a plurality of functional food preparation and storage devices supported within said case and entirely hidden by said covers when in the closed positions, and the open positions being for exposing the plurality of functional food preparation and storage devices from the compact containment and exposing the plurality of functional food preparation and storage devices for use:

b) the plurality of functional food preparation and storage devices supported within said case, including:

1) a refrigerator unit for containing and storing foods, said refrigeration unit cooling and maintaining the foods at conventional refrigerator storage temperatures;

2) a toaster device for toasting foods; and

3) a cooking unit having cooking burners for heating cookware and foods for preparation thereof; and

c) a power connecting device connectable to an outside source of power to said food preparation and storage devices to provide functioning power to said devices.

31. A portable suitcase type kitchen, which comprises:

a) a portable case having a carry handle and at least a pair of hinged covers pivotably movable between closed and open positions, the closed positions of said covers being for compact containment of a plurality of functional food preparation and storage devices supported within said case and entirely hidden by said covers when in the closed positions, and the open positions being for exposing the plurality of functional food preparation and storage devices from the compact containment and exposing the plurality of functional food preparation

and storage devices for use:

b) the plurality of functional food preparation and storage devices supported within said case, including:

1) a refrigerator unit for containing and storing foods, said refrigeration unit cooling and maintaining the foods at conventional refrigerator storage temperatures;

2) a toaster device for toasting foods; and

3) a cooking unit having cooking burners for heating cookware and foods for preparation thereof, said cooking unit positioned adjacent said microwave unit and separated therefrom by an insulating wall; and

c) a power connecting device connectable to an outside source of power to said food preparation and storage devices to provide functioning power to said devices.